

WHAT IS CLAIMED IS:

1. A computer-based interactive medical training system comprising a case study presented in a computerized display in a virtual patient chart format for a patient exhibiting a given medical condition, wherein the virtual patient chart format simulates realistic aspects of a patient chart of medical records.

2. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises diagnostic reports of a plurality of diagnostic imaging modalities.

3. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise diagnostic reports on the given medical condition.

4. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise diagnostic images from the plurality of diagnostic imaging modalities.

5. The computer-based interactive medical training system of Claim 2, wherein the diagnostic reports further comprise instruction that a given diagnostic modality is not appropriate or deemed necessary to diagnose the given medical condition.

6. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises general medical information on the given medical condition.

7. The computer-based interactive medical training system of Claim 6, wherein the general medical information further comprises one or more of typical findings for a given pathology, signs, symptoms, treatment and prognosis
5 for the given medical condition.

8. The computer-based interactive medical training system of Claim 1, wherein the virtual patient chart further comprises at least one of laboratory reports and
10 pathology specimen pictures.

9. The computer-based interactive medical training system of Claim 1, further comprising a test on the comprehension or application of the information of the
15 virtual patient chart.

10. The computer-based interactive medical training system of Claim 9, wherein the test comprises a test which may be taken following review of some or all of the
20 material of the virtual patient chart.

11. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by
25 the computer presenting the patient chart.

12. The computer-based interactive medical training system of Claim 9, wherein the virtual patient chart is presented by a computer, and wherein the test is scored by
30 a computer connected to the computer presenting the patient chart.

13. A computer-based interactive medical training system comprising a tutorial presented in a computerized
35 display, the tutorial presenting one or more teaching

segments of medical information which contain an animation illustrating the medical information being taught.

5 14. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a textual passage describing the medical information and an animation illustrating the medical information.

10 15. The computer-based interactive medical training system of Claim 14, wherein the animation comprises an animated graphic.

15 16. The computer-based interactive medical training system of Claim 14, wherein the animation comprises a moving picture.

20 17. The computer-based interactive medical training system of Claim 14, wherein the textual passage and the animation can be seen on a computer screen without scrolling.

25 18. The computer-based interactive medical training system of Claim 13, wherein a teaching segment further comprises a quiz of the medical information taught in the segment.

30 19. The computer-based interactive medical training system of Claim 18, wherein the number of teaching segments is two or more.

35 20. The computer-based interactive medical training system of Claim 18, wherein the quiz further comprises a graphic with which a student interacts to demonstrate knowledge of the medical information.

21. The computer-based interactive medical training system of Claim 20, wherein the graphic comprises a diagnostic medical image.

5 22. The computer-based interactive medical training system of Claim 13, wherein the medical information comprises a clinical application of medical diagnostic imaging.

10 23. The computer-based interactive medical training system of Claim 13, wherein the medical information comprises at least one of a scientific principle, medical practice, or operation of medical equipment.

T 0 3 5 0 " 7 2 2 3 5 0